

Title (en)

Independent motor control for X-Y shifter

Title (de)

Unabhängige Motorsteuerung für X-Y- Gangschalteinrichtung

Title (fr)

Commande moteur indépendante pour système de changement de vitesses X-Y

Publication

EP 1096179 A3 20030402 (EN)

Application

EP 00121324 A 20001009

Priority

US 42965899 A 19991029

Abstract (en)

[origin: EP1096179A2] An X-Y shifter control (68) allows independent and simultaneous control of the X-X motor (32) and Y-Y motor (36). Required X-X movements of thie shift member (34) are initiated when the shift member is within a band (84) of the neutral (20) Y-Y position. <IMAGE>

IPC 1-7

F16H 61/28; **F16H 61/32**

IPC 8 full level

F16H 61/32 (2006.01)

CPC (source: EP US)

F16H 61/32 (2013.01 - EP US); **Y10T 74/2003** (2015.01 - EP US); **Y10T 74/20152** (2015.01 - EP US)

Citation (search report)

[X] DE 19823050 A1 19981203 - LUK GETRIEBE SYSTEME GMBH [DE]

Cited by

FR2839130A1; EP1447595A3; US7370551B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1096179 A2 20010502; **EP 1096179 A3 20030402**; **EP 1096179 B1 20051214**; BR 0007303 A 20020219; DE 60024757 D1 20060119; DE 60024757 T2 20060831; US 6227067 B1 20010508

DOCDB simple family (application)

EP 00121324 A 20001009; BR 0007303 A 20001026; DE 60024757 T 20001009; US 42965899 A 19991029